PLUG IN TYPE TERMINAL BLOCK

TÜV R50130520
E133988(R)

ETB45 SERIES	CLAMPING TYPE	PITCH=3.81mm

FEATURES

- Special wire protector design to ensure reliable wire clamping
- Be capable of clamping a wide range of wire diameters
- The Male connector of plug using a twin leaf phosphor bronze contact mates with the Female socket
- The Female socket is mounted and soldered to the P.C.B.
- Good for insertion & withdrawal
- UL 94V-0 grade fire retardant engineering plastic used for the housing

SPECIFICATIONS



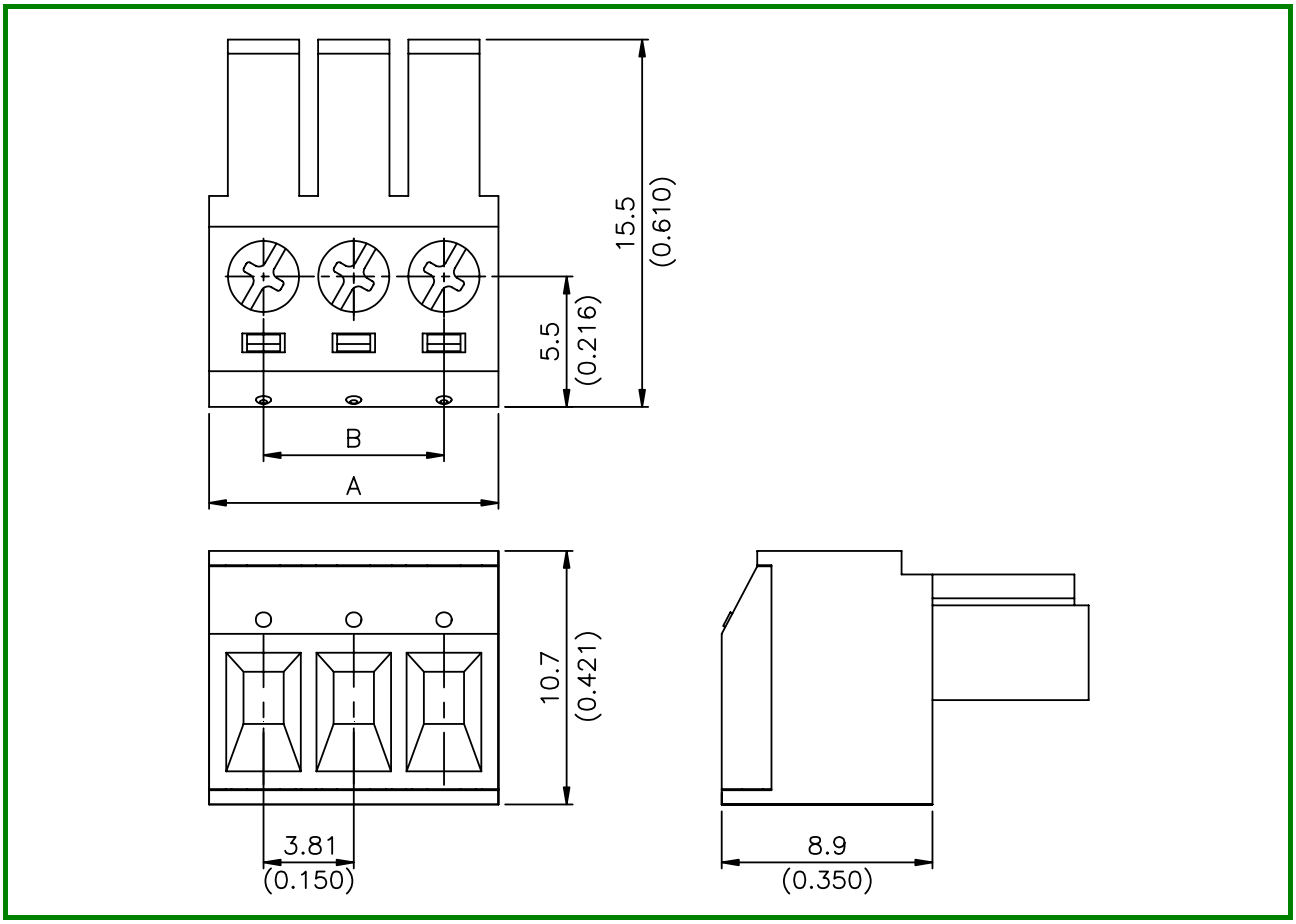
Pitch	3.81mm
Wire range	28~16 AWG (1.5mm²)
No. of pole per block	2P to 16P
Rating	7 Amp, 300 VAC
Housing	PA66
Wire cage	Nickel plated over Zinc Alloy
Contacts	Tin plated over Phosphor bronze
Screws	M2.0x0.4P, Zinc plated over Steel
Torque	0.2 N-m (1.7 lb-in) (tested by manual torque screwdriver)
Operating temperature	-30℃~+105℃ (includes temperature rise limit)
Stripping length	6mm
Contact resistance	<15mΩ
UL Approval	300V, 7A, 28~16 AWG
TUV Approval	130V, 8A Max., 0.2 to 1.0mm²
Plug in with ETB47	

PART NUMBERING SYSTEM

ETB 45 XX 0 X X 00 Z

- Z: RoHS Compliant
- Special number
- Screw type: 0: “+” screw 1: “–” screw
- Housing color: B: Blue, G: Green, K: Black
- Number of poles
- Series
- Model

DRAWING



DIM. \ POLE	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	8.38 (0.330)	12.19 (0.480)	16.00 (0.630)	19.81 (0.780)	23.62 (0.930)	27.43 (1.080)	31.24 (1.230)	35.05 (1.380)	38.86 (1.530)	42.67 (1.680)	46.48 (1.830)	50.29 (1.980)	54.10 (2.130)	57.91 (2.280)	61.72 (2.430)
B	3.81 (0.150)	7.62 (0.300)	11.43 (0.450)	15.24 (0.600)	19.05 (0.750)	22.86 (0.900)	26.67 (1.050)	30.48 (1.200)	34.29 (1.350)	38.10 (1.500)	41.91 (1.650)	45.72 (1.800)	49.53 (1.950)	53.34 (2.100)	57.15 (2.250)